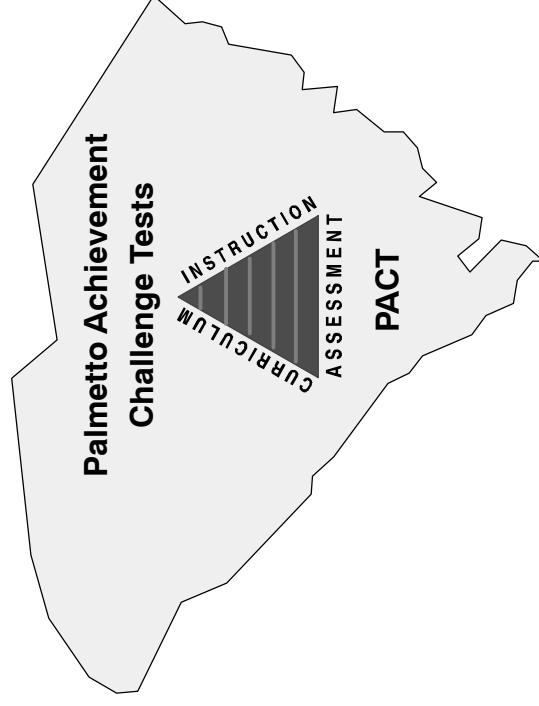


[illegible]

Sample Items

Grades 4 and 5

ENGLISH LANGUAGE ARTS — Sample Items — Grades 4 and 5

Time to Write

(The topic will be printed here.)

Write your response on the Final Writing pages in your test booklet.

- You may make a graphic organizer (such as a web, list, or outline) and write a rough draft on scratch paper.
- After you write the rough draft, you must write your final draft on the Final Writing pages in your test booklet.
- You may use a dictionary or thesaurus.
- You must write only one final draft on the pages in your test booklet.
- You should read over your final draft and make neat changes in your test booklet.

Does your response

- ☐ have an introduction, a body, and a conclusion?
- ☐ stay on topic?
- ☐ have interesting and clear ideas?
- ☐ use details and descriptions?
- ☐ have correct spelling?
- ☐ have correct punctuation and capital letters?

REMEMBER:

- ◆ Do not write a poem or a song. If you do, it will not be scored.
- ◆ Make your response long enough for others to understand your ideas.
- ◆ Read your final draft and make any changes neatly.
- ◆ **Use only the pages in your test booklet to write your final draft.**
Do not add any pages to your test booklet.

Read the passage. Then answer questions 1 and 2.



WORMS ON ICE?

No, it's not a far-out new skating show; my friend Wanda M. Trawick assures me that there really is such a thing as an ice worm. This tiny black member of the earthworm family was discovered on Muir Glacier in Alaska in the 1880s. It also lives on glaciers in Siberia and Greenland.

No one has yet discovered how the worms **thrive** at such low temperatures or, even more remarkable, how their eggs manage to hatch in the icy surroundings. Scientists do know that if the temperature gets above 40°F, the worms die and disintegrate; they also die if the temperature gets much below freezing. We're not sure how long the worms live in nature, but they've been kept alive in laboratory refrigerators for nearly a year.

Ice worms feed on pollen and algae that the wind blows onto the surface of the glacier. Red algae, their favorite food, flourishes during the long summer days of the far north, and the worms are often found near patches of "red snow," areas where large quantities of the algae have tinted the icy surface.

Although they are only a half-inch to an inch in length, ice worms aren't hard to spot; they come up through the ice to feed in the evening, at night, and in the early morning, and their huge numbers appear as dark patches on the glacier's surface. If you ever get to visit a glacier inhabited by worms, start watching for them in the late evening. . . .

1. Disintegrate is to decay as **thrive** is to _____ .

☐ decrease

☐ stretch

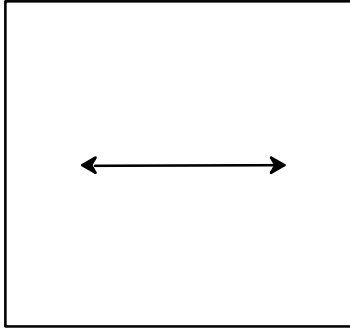
☐ spread

☐ flourish

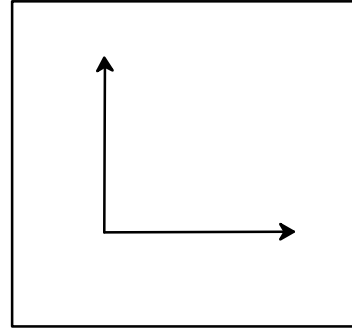
2. What causes the snow to turn red? Write your answer using complete sentences. [2]

MATHEMATICS — Sample Items — Grades 4 and 5

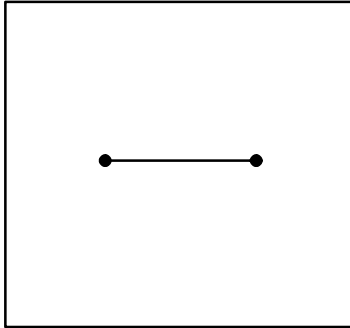
1. Which box shows a line segment?



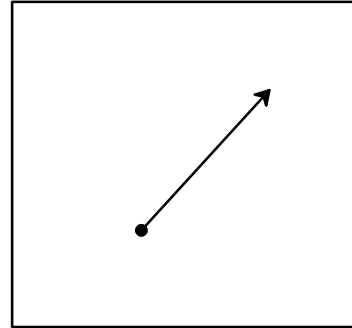
☐



☐



☐



☐

-
2. At the Food Mart, lemons are 5 for \$1.00. How much will 12 lemons cost?

Show your work in the space below. [2]

Answer: _____

SCIENCE — Sample Items — Grades 4 and 5

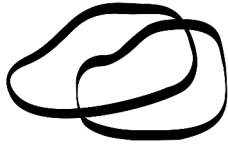
1. Donna is investigating solutions made by mixing Liquid M with other liquids. The table shows the results of her investigation.

DONNA'S RESULTS	
TYPE OF LIQUID	MIXES WITH LIQUID M
Vegetable oil	No
Gasoline	No
Melted butter	No
Motor oil	No

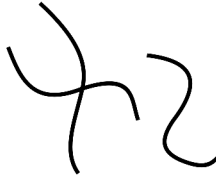
Which is the **best** conclusion based on Donna's results?

- ☐ Liquid M cannot be mixed with other liquids to form a solution.
- ☐ Liquid M cannot form a solution with these four liquids.
- ☐ Liquid M can only be mixed with solids to form a solution.
- ☐ Liquid M can form a solution with most other liquids.

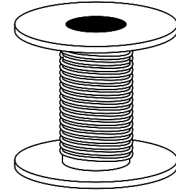
2. People use tools to make sounds and send signals to others over short or long distances. These tools can be made from common objects. Study the pictures of six objects. Then, answer part **a** and part **b** of the question. [4]



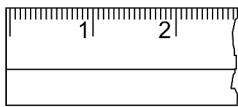
rubber bands



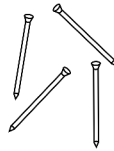
string



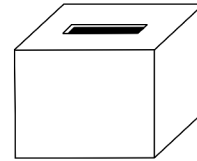
wire



ruler



small nails



**wooden box
with hole in top**

- a.** Choose **two or more** of the objects shown that could be used to build a tool that makes sound or sends signals. **Describe** how this tool would be put together from the objects you chose. You may include a labeled drawing as part of your description.

b. Describe how the tool would be used to make sound or send signals.

SOCIAL STUDIES — Sample Items — Grades 4 and 5

Grade 4

1. Use the list below to answer the question.

- executive branch
- legislative branch
- judicial branch

What document organized the United States government into the three parts listed above?

- ☐ the Declaration of Independence
- ☐ the Gettysburg Address
- ☐ the Constitution
- ☐ the Magna Carta

Use this picture to answer the question.



Grade 5

1. This is a photograph taken in the Midwest in the early 1930s. [3]

a. Describe what happened to the farms in many areas of the Midwest at that time.

b. Explain what caused this to happen.

- c.** Explain what happened to a large number of farmers known as “Okies.”
